

CITY OF NEWTON, MASSACHUSETTS

PURCHASING DEPARTMENT

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Fax (617) 796-1227

July 11, 2012

ADDENDUM #2

INVITATION FOR BID #12-98

BOILER ROOM RENOVATIONS @ LINCOLN-ELIOT & MASON-RICE ELEMENTARY SCHOOLS

THIS ADDENDUM IS TO: To include a drawing for Lincoln-Eliot School to further detail the gas plumbing work in the boiler room (see attached file) and Answer the following Questions:

Q1. Upon authorization of the boiler repairs, when will the actual work be scheduled to begin?

A1. Work shall begin as soon as the contract is executed. Anticipated date is July 23, 2012.

Q2. Lincoln-Eliot School: Are other boilers of equal input and capacity acceptable for installation in place of the SMITH 4500, such as: SMITH 28 Series, Weil McLain 88 Series, and BURNHAM V-11 Series boilers or is the SMITH 4500 the only option?

A2. The Smith boiler scheduled on the drawings is the basis of design but is not the only boiler that can be used. The contractor may submit a boiler of equal performance parameters for review and approval so long as the boiler meets or exceeds the scheduled boiler.

Q3. Lincoln-Eliot: If an alternate boiler series or model is acceptable, and a draft inducer will not be required will this installation be acceptable?

A3. If an alternate boiler series or model is submitted and accepted, the contractor is responsible for properly venting the boilers per the manufacturer's recommendations.

Q4. Lincoln-Eliot School: If these other boiler options are acceptable, will an Industrial Combustion VLG dual fuel burner or equal manufacturer be allowed on this package be acceptable?

A4. Other boiler burners are acceptable so long as they do not exceed the available gas pressure, they meet or exceed the scheduled capacity, and they can fire dual fuel.

Q5. Lincoln-Eliot School specification schedule refer to burners to be Industrial Combustion IC DL-54. This burner is an oil fired burner. A dual fuel burner will be an IC DLG-54. Is this the correct model?

A5. IC DLG-54 should replace the schedule IC DL-54 to represent a dual fuel burner.

Q6. Mason-Rice School: The Specified Lochinvar FBN-1500 Boilers when utilizing a common flue as drawings indicate, require the manufacture (LOCHINVAR) to supply factory engineered drawings of the flue design. Will the engineering firm hired by the City of Newton supply this document with proper design?

A6. The specified Lochinvar FBN-1500 flues shall be installed per manufacturer approved drawings. RDK engineers had Lochinvar check new flue runs & sizes but these should be approved by manufacturer to represent field conditions.

Q7. Mason-Rice School alternate notation on drawings indicate that if boiler number 2 is removed, that the existing chimney will be utilized for a venting chase for the new condensing boilers. This will require a stainless liner and factory authorized design. Has this been approved by the engineering firm and included in the specified drawings?

A7. The exiting chimney will not be used if boiler number 2 is removed. For alternate #1, contractor shall run new venting through the exterior wall as shown on the design drawings. Patch and seal existing chimney as required.

Q8. Mason-Rice School: There is a 50 gallon gas fired atmospheric water heater installed in the existing chimney. Current gas codes now have implemented a “seven times rule” this code requires the chimney to utilize a chimney properly sized for the heater. What is the protocol in addressing this gas code requirement?

A8. For alternate #1, contractor shall run new venting through the exterior wall as shown on the design drawings. Patch and seal existing chimney as required.

Q9. Mason-Rice School: Does the chimney need to be lined if both boilers are demolished and the chimney is used for boiler venting?

A9. Per the manufacturer’s literature the exhaust vents shall be double walled AL-294C stainless steel through the existing chimney. When the exhaust flue turns 90 degrees up, the vent shall be made of single wall stainless steel through the roof. The existing chimney does not require lining.

Q10. Mason-Rice School: What shall be done if both boilers are offline at the start of the heating season on October 15th?

A10. The contractor shall phase the work as required to finish prior to the heating season or provide temporary heat if the work continues into the heating season.

Q11. Do the boilers require demolition under asbestos abatement?

A11. Per specification section 02075 the boilers, including ABCM gasket and insulation, at the Mason-Rice School shall be demolished on site under asbestos abatement under a temporary enclosure.

Q12. What is thickness of the exterior wall?

A12. Approximate thickness of the exterior wall based on existing mechanical floor plans is 16”.

All other terms and conditions of this bid remain unchanged.

PLEASE ENSURE THAT YOU ACKNOWLEDGE THIS ADDENDUM ON YOUR BID FORM.

Thank you.
Purchasing Department

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Fax (617) 796-1227

July 2, 2012

ADDENDUM #1

INVITATION FOR BID #12-98

BOILER ROOM RENOVATIONS @ LINCOLN-ELIOT & MASON-RICE ELEMENTARY SCHOOLS

THIS ADDENDUM IS TO: **Answer the following Question:**

Q1. With regard to Division 1, Section 01310 – Schedule of Work, will dates be provided?

A1. No. The project schedule will be determined with the awarding contractor based on when the contract is fully executed. It is the goal of the owner is to complete the demolition and abatement during the school summer break, and then allow for work throughout the school year. Normal work hours during the summer months, until 9/3/12, will be 7am to 3:30pm. Work hours during the school year will be 7am to 11pm.

All other terms and conditions of this bid remain unchanged.

PLEASE ENSURE THAT YOU ACKNOWLEDGE THIS ADDENDUM ON YOUR BID FORM.

Thank you.

Purchasing Department